

Title (en)

A latching apparatus and an operating mechanism with such a latching apparatus

Title (de)

Verriegelungsvorrichtung und Betriebsmechanismus mit einer solchen Verriegelungsvorrichtung

Title (fr)

Appareil de verrouillage et mécanisme de fonctionnement avec un tel appareil de verrouillage

Publication

**EP 2472550 B1 20130717 (EN)**

Application

**EP 10197279 A 20101229**

Priority

EP 10197279 A 20101229

Abstract (en)

[origin: EP2472550A1] A latching apparatus (110;310) for an operating mechanism for an electrical switching apparatus, the latching apparatus comprising a first member (118) movable between at least one first position in locking a drive member (106) of the operating mechanism, and a second position to release the drive member; and a counter roller (120), in the first position the first member being adapted to bear against the counter roller; guiding means for guiding the movement of the first member; a trip member (126) movable between a third position locking the first member in the first position, and a fourth position to release the first member from the first position. In the first position the first member distributes the force of the drive member, applied to the first member, to a first force component applied to the counter roller and a second force component applied to the trip member, wherein when guiding the first member from the first position to the second position, the guiding means guide at least a first portion (142) of the first member in a first direction toward the counter roller.

IPC 8 full level

**H01H 71/50** (2006.01)

CPC (source: EP US)

**H01H 3/00** (2013.01 - US); **H01H 71/505** (2013.01 - EP US); **H01H 2071/506** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2472550 A1 20120704; EP 2472550 B1 20130717**; CN 103262199 A 20130821; CN 103262199 B 20151014; US 2013285771 A1 20131031; US 8629743 B2 20140114; WO 2012089550 A1 20120705

DOCDB simple family (application)

**EP 10197279 A 20101229**; CN 201180059239 A 20111220; EP 2011073316 W 20111220; US 201313929063 A 20130627